## INTERNATIONAL SEARCH REPORT

Internation Application No PCT/182004/052325

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B27/10 G11B G11B7/007 G11B19/02 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1,2,4-9, EP 1 229 542 A (SAMSUNG ELECTRONICS CO., X 11-13 LTD) 7 August 2002 (2002-08-07) 3,10,14 Υ the whole document 11,12 PATENT ABSTRACTS OF JAPAN X vol. 1995, no. 02, 31 March 1995 (1995-03-31) & JP 06 311481 A (FUJI PHOTO FILM CO LTD), 4 November 1994 (1994-11-04) abstract 3,10,14 US 6 154 773 A (ROBERTS ET AL) Y 28 November 2000 (2000-11-28) the whole document 1 - 14US 6 061 680 A (SCHERF ET AL) Α 9 May 2000 (2000-05-09) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 03/02/2005 28 January 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Benfield, A

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